



PATENT
Docket No.: 265.00170101

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s):	Lloyd et al.)	Group Art Unit:	1652
)		
Serial No.:	09/864,866)	Examiner:	M. Walicka
Confirmation No.:	2264)		
)		
Filed:	May 23, 2001)		
)		
For:	DNA REPAIR POLYPEPTIDES AND METHODS OF USE			

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AMENDMENT AND RESPONSE

Assistant Commissioner for Patents
Washington D.C. 20231

Dear Sir:

In response to the Office Action mailed May 22, 2002, please amend the above-identified application as follows:

In the Claims

Please cancel claims 5-8 and 13-20 without prejudice, amend claims 1-4, 9-12 and 21-40, and add new claims 41-44. The new and amended claims are provided below in clean form. Per 37 C.F.R. §1.121, amended claims are also shown in Appendix A with notations to indicate changes made (for convenience, all pending claims, including those added hereby, are provided in Appendix A).

1. An isolated polypeptide comprising:
an amino acid sequence having pyrimidine glycosylase activity, the amino acid sequence having at least about 15 % identity with an amino acid sequence selected from the group consisting of SEQ ID NO:41, SEQ ID NO:42, and SEQ ID NO:43; and
a targeting sequence.